BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Estimate Cost Rs. 2500000.00

Name of Work: Detailed Estimate for the work of Construction of open Gym at Shankar Nag park in ward No-04.

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Construction of GYM								
1	Earth work in surface excavation in hard soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.50m. excavated surface levelled and neatly dressed , disposed earth to be levelled after breaking of clods and neatly dressed as per specifications.(S.R.of PWD 2016-17, P.No.5, I.No.2.2)	Cum							
	open gym		1	8.00	14.00	0.35	24.50		
	Elipthcal cross trainer		1	0.50	0.50	0.30	0.08		
	Arm & Pedal Bike		1	0.50	0.50	0.30	0.08		
	Tai chi Spinner		1	0.50	0.50	0.30	0.08		
	Rider		1	0.50	0.50	0.30	0.08		
	Squat pushing		1	0.65	0.50	0.30	0.10		
	Waist twister		3	0.50	0.50	0.30	0.23		
	seated chest press		1	0.65	0.50	0.30	0.10		
	Rider		1	0.65	0.50	0.30	0.10		
	Elliptical Cross Trainer		1	0.65	0.50	0.30	0.10		
	Arm & Pedal Bike		1	0.65	0.50	0.30	0.10		
	Self Weighted Rower		1	0.65	0.50	0.30	0.10		
	HD Mini Ski		1	0.65	0.50	0.30	0.10		
	Bicycle		1	0.65	0.50	0.30	0.10		
							25.81	233.20	6018.00
	Basic Rate	220.00							
	Area Weightage @ 6%	13.20							
	Total	**233.20**							
2	Earth work excavation for foundation of building, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in ordinary soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking of clods complete as per specifications (KSB 2.1) (b) 2.3.5, P-5, 1-2.4)	Cum							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Kerb stone		2	6.00	0.30	0.20	0.72		
			2	15.00	0.30	0.20	1.80		
	Connecting footpath to kempgowda park to Basavalingappa park		1	20.00	3.00	0.20	12.00		
	Desilting of drains adjcent park		4	100.00	0.60	0.60	144.00		
							158.52	200.34	31758.00
	Basic Rate	189.00							
	Area Weightage @ 6%	11.34							
	Total	**200.34**							
3	KSRB 100-1 Loading and unloading ofstone aggregates / sand/ kanker/ Moorum /soil KSRRB M100-1 Placing tipper at loading with front end loader dumpting turning for return trip excluding time for haulged and return trip complete as per specification item No 17.1 page 130 and KSRB M.100.4.1 costof haulage excluding loading and unloading MORTH to a distance of 4.00 K.M (Item No 17.4 Page 134 (SR 2016-17)	cum	-						
			Vide Item No. 1+2				184.33	85.65	15787.00
	Basic Rate for loading and unloading	68.00							
	Basic Rate for Haulage upto 4.00 k.m =1.28 X 2.50 X 4	12.80							
		80.80							
	Area Weightage @ 6%	4.85							
	Total	**85.65**							
4	Providing and fixing precast **solid concrete kerb stones made** out of CC. 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including form work, curing including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete P. No. 25 I. No. 5.30	**Nos**							
	alround Gym	2x20					40.00		
		4x20					80.00		
		2x20					40.00		
							160.00		
				355.56			356.00	331.78	118114.00
	Basic Rate	313.00							
	Area Weightage @ 6%	18.78							
	Total	**331.78**							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
5	KSRB 14.6-1 : Providing and laying heavy duty cobble stones 75mm thick interlock pavers, using cement and course sand for manufactures of blocks of approved size , shape and colour with a minimum compressive strength of 281kgs per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour, curing complete as per specifications. Page No.101/ Item No. 14.7 / PWD SR 2016-17	Sqm							
			1	20.00	2.00		40.00		
			1	10.00	2.50		25.00		
							65.00	1028.20	66833.00
	Basic Rate	970.00							
	Area Weightage @ 6%	58.20							
	Total	**1028.20**							
6	Providing and laying in position plain cement concrete of Mix CC 1:4:8 with OPC cement @ 180 kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregates @ 0.57 cum machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation including cost of all materials, labour HOM of machinery curing complete as per specification, specification No. KBS 4, 1, 4.2 (PageNo.12, Item No.4.3)	Cum							
	open gym bed concrete		1	9.00	15.00	0.15	13.50		
	Tai chi Spinner		1	0.5	0.5	0.3	0.08		
	Rider		1	0.5	0.5	0.3	0.08		
	Squat pushing		1	0.65	0.5	0.3	0.10		
	Waist twister		3	0.5	0.5	0.3	0.23		
	seated chest press		1	0.65	0.5	0.3	0.10		
	Rider		1	0.65	0.5	0.3	0.10		
	Elliptical Cross Trainer		1	0.65	0.5	0.3	0.10		
	Rider		1	0.65	0.5	0.3	0.10		
	Elliptical Cross Trainer		1	0.65	0.5	0.3	0.10		
	Arm & Pedal Bike		1	0.65	0.5	0.3	0.10		
	Self Weighted Rower		1	0.65	0.5	0.3	0.10		
	HD Mini Ski		1	0.65	0.5	0.3	0.10		
	Bicycle		1	0.65	0.5	0.3	0.10		
	Below kerb		2	5.00	0.3	0.1	0.30		
			2	14.00	0.3	0.1	0.84		
							15.99	5159.02	82493.00
	Basic Rate	4867.00							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Area Weightage @ 6%	292.02							
	Total	**5159.02**							
7	Providing and laying in positionp lain cement concrete of Mix 1:2:4 with cement @ 240 kgs, with 20 mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregates @ 0.549 cum machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour HOM of machinery curing complete as per specification, specification No. KBS 4, 1, 4.2 (PageNo.12, Item No.4.6)	**Cum**							
	open gym flooring		1	5.00	14.00	0.10	7.00		
							7.00	**5767.46**	**40372.00**
	Basic Rate	5441.00							
	Area Weightage @ 6%	326.46							
	Total	**5767.46**							
8	Providing and fixing cement base precast, pre-polished cement concrete designer tiles 25mm thick conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mix finished with flush pointing using white cement, including cost of materials, including cutting, gridding the edge to half/full round wherever required, labour curing complete as per specification. P.109, I. No.14.62	**Sqm**							
	open gym		1	5.00	14.00		70.00		
							70.00	**1116.18**	**78133.00**
	Basic Rate	1053.00							
	Area Weightage @ 6%	63.18							
	Total	**1116.18**							
9	KSRB 15-19.1 : Providing and applying ready mix priming coat over concrete / masonry / asbestos cement sheet / plastered surfaces including preparing the surface after thoroughly cleaning of oil, grease, dirt and other foreign matter, and sand papering including cost of materials, labour, complete as per specifications.	**Sqm**							
	Kerb		2	19.00	0.45		17.10		
	Chairs		60	1.50	0.40		36.00		
	Chair legs		60	0.50	0.50		15.00		
							68.10	**27.56**	**1877.00**
	Basic Rate	26.00							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Area Weightage @ 6%	1.56							
	Total	**27.56**							
10	KSRRB M2700- Painting on Concrete Surface KSRRB M2700-12. Providing and applying 2 coats of water based cement paint to unplastered concrete surface after cleaning the surface of dirt, dust, oil, grease, efflorescence and applying paint at of 1 litre for 2 sqm complete as per specifications MORTH Specification No. 800	**Sqm**							
	Kerb		2	19.00	0.45		17.10		
	Chairs		60	1.50	0.40		36.00		
	Chair legs		60	0.50	0.50		15.00		
							68.10	**66.78**	**4548.00**
	Basic Rate	63.00							
	Area Weightage @ 6%	3.78							
	Total	**66.78**							
11	KSRB 15-18.2 : Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications. (Page No. 120 Item No. 15.74 of SR 2015-16).	**Sqm**							
	Dust bins		20	0.13	0.60		1.56		
			40	1.00	0.10		4.00		
							5.56	**86.92**	**483.00**
	Basic Rate	82.00							
	Area Weightage @ 6%	4.92							
	Total	**86.92**							

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
12	Supply and fixing of Seated Chest Press. Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles. Bearings. Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules. Maintenance: Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS only. The GS Mark- EN16630 Certificates must be in the name of tendering party and not any 3rd party. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All products must carry a GS mark on it.. Size_L x W x H): 1955 x 733 x 2058 mm. Weight: 86.6 Kg Safety Area:	Each							
			1				1.00		
	Basic Rate	230000.00					1.00	230000.00	230000.00
13	Supply and Fixing of Tai Chi Spinners. Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Colour RAL 5019 Blue and RAL 1014 Beige Rubber: High quality grip rubber is used for the handles. Bearings. Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules. Maintenance: Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS only. The GS Mark- EN16630 Certificates must be in the name of tendering party and not any 3rd party. The certificates must be attached with the tender document. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. Size_L x W x H): 1120 x 1150 x 1620 mm. Weight: 39 Kg Safety Area: 3520 x 3550 mm Capacity_3 Persons.	Each							
			1				1.00		
	Basic Rate	115000.00					1.00	115000.00	115000.00

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
14	Supply and fixing of HD Health Walker. Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Colour RAL 5019 Blue and RAL 1014 Beige Rubber: High quality grip rubber is used for the handles. Bearings. Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules. Maintenance: Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS only. The GS Mark- EN16630 Certificates must be in the name of tendering party and not any 3rd party. The certificates must be attached with the tender document. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates.Size(L x W x H): 1065 x 615 x 1364 mm. Weight: 51Kg. Safety Area: 4090 * 3555mm. Capacity 1 Person	Each							
			1				1.00		
							1.00	140000.00	140000.00
	Basic Rate	140000.00							
15	Supply and fixing of HD Waist Twister Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles. Bearings. Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules. Maintenance : Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS only. The GS Mark- EN16630 Certificates must be in the name of tendering party and not any 3rd party. All products must clearly display the	Each							
			1				1.00		
							1.00	130000.00	130000.00
	Basic Rate	130000.00							

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
16	Supply and Fixing of Rider. Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules. Maintenance: Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS only. The GS Mark- EN16630 Certificates must be in the name of tendering party and not any 3rd party. All products must clearly display the GS mark as has	Each							
			1				1.00		
	Basic Rate	90000.00					1.00	90000.00	90000.00
17	Supply and fixing of Elliptical Cross Trainer. Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules. Maintenance: Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS only. The GS Mark- EN16630 Certificates must be in the name of tendering party and not any 3rd party. The certificates must be attached with	Each							
			1				1.00		
	Basic Rate	140000.00					1.00	140000.00	140000.00

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
18	Supply and Fixing of Arm & Pedal Bike. Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules. Maintenance: Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards only by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS. The GS Mark-EN16630 Certificates must be in the name of tendering party and not any 3rd party. Size_L x W x H): 830 x 500 x 1450 mm. Weight: 32 Kg Safety Area: 3830 x 2900 mm Capacity: 1	Each							
			1				1.00		
							1.00	170000.00	170000.00
	Basic Rate	170000.00							
19	Supply and fixing of Self Weighted Rower Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Colour RAL 5019 Blue and RAL 1014 Beige Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules. Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards only by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS. The GS Mark-EN16630 Certificates must be in the name of tendering party and not any 3rd party. All products must carry a GS mark on it. Size_L	Each							
			1				1.00		
							1.00	165000.00	165000.00
	Basic Rate	165000.00							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
20	Supply and Fixing of HD Mini Ski. Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles. Bearings. Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules. Maintenance :Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS only. The GS Mark- EN16630 Certificates must be in the name of tendering party and not any 3rd party. All products must clearly display the	Each							
			1				1.00		
							1.00	**160000.00**	**160000.00**
	Basic Rate	160000.00							
21	Supply and Fixing of Bicycle. Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles. Bearings. Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules. Maintenance: Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards only by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS. The GS Mark-EN16630 Certificates must be in the name of tendering party and not any 3rd party. Size_L x W x H): 1000 x 498 x 1290 mm. Weight: 51.5 Kg Safety Area: 3400 x 3498 mm	Each							
			1				1.00		
							1.00	**125000.00**	**125000.00**
	Basic Rate	125000.00							
22	Natural Sand 5.6 to 75 micron Sl No 59 Code No 0772	Cum							
	providing sand bed for existing play ground		1	20.00	20.00	0.40	159.30		
							159.30	**1700.00**	**270810.00**

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Basic Rate	1700.00							
12	RCC Precast covering slab for drain (10cm thick)	sqm							
	missing covering slab for existing drains		1	26.00	0.90		23.40		
							23.40	2100.00	49140.00
	Rate Approved by BBMP	2100.00							
								Total A)	2231366
	Renovation and repairs to Musical fountain at Kempegowda park								
1	KSRB 4.2.2 : Providing and laying in position plain cement concrete of mix M20 withOPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @0.460cum with superplastesisre @ 3lts conforming to IS9103-1999Reffirmed machine mixed exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, walls(any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1,4.6, No. KBS 4.1,4.6, No. 13/ Item No. 4.11/ PWD SR 2016-17	Cum							
	for musical fountain at Kempegowda park		1	9.00	9.00	0.10	8.10		
							8.10	6371.66	51610.00
	Basic Rate	6011.00							
	Area Weightage @ 6%	360.66							
	Total	6371.66							
2	KSRB 4.9.2:providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 Page No. 17/ Item No. 4.46/ PWD SR 2016-17	Quintal							
	for 70 kg/cum		0.700	8.10			5.67		

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
				8.10			5.67	5605.00	31780.00
	Basic Rate	5605.00							
3	KSRB 14.17.2: Providing skirting, dado, rises of steps with Colour glazed tiles 6mm thick on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface white should be measured and paid separately) using glazed tiles of approved make and size of materials, labour, complete as per specifications. Specification No. KBS 14.17. Page No. 114/ Item No. 14.41.1 / PWD SR / PWD SR 2016-17	Sqm							
	Musical fountain at kempegowda park	2X2	4	9.00		1.00	36.00		
			1	9.00	9.00		81.00		
		2x2	4	9.00	0.45		16.20		
							133.20	1136.32	151358.00
	Basic Rate	1072.00							
	Area Weightage @ 6%	64.32							
	Total	1136.32							
5	KSRB 15.3.1 : Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to brick masonry including rounding off corners wherever reuired smooth rendering, : Providing and removing scaffolding, including cost of materials, labour. Curing complete as per specifications. Page No. 119/ Item No.15.9/ PWD SR 2016-17	Sqm							
	Musical fountain at kempegowda park	2X2	4	9.00		1.00	36.00		
			1	9.00	9.00		81.00		
		2x2	4	9.00	0.45		16.20		
							133.20	191.86	25556.00
	Basic Rate	181.00							
	Area Weightage @ 6%	10.86							
	Total	191.86							
5	KSRB 15.4.2 : Extra for providing and mixing water proofing compound in cement plaster work at one kg per bag or in the proportion recommended by the manufactures, for cement mortar 1:4, 12mm thick cost of materials complete as per specifications. Page No. 114/ Item No. 15.23/ / PWD SR 2016-17	Sqm							
	Musical fountain at kempegowda park	2X2	4	9.00		1.00	36.00		
			1	9.00	9.00		81.00		

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
		2x2	4	9.00	0.45		16.20		
							133.20	7.42	988.00
	Basic Rate	7.00							
	Area Weightage @ 6%	0.42							
	Total	7.42							
5	KSRB 15.8.1 : Providing and fixing plaster mesh 100mm wide manufactured out of hot dipped galvanished iron of nominal thickness 0.35mm with a zinc coating of 120gms per sqm width, along route of walls chipped for services, junction between and brick walls including cost materials, labour, for fixing complete as per specifications. (length of mesh only be measured for payment.) Page No. 115/ Item No. 15.34/ / PWD SR 2016-17	Mtrs							
	Musical fountain at kempegowda park								
	4sides x 20 Nos x 2x0.2 =						32.00		
							32.00	45.58	1459.00
	Basic Rate	43.00							
	Area Weightage @ 6%	2.58							
	Total	45.58							
6	KSRRB 800-1: **painting two coats after filling the surface** with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specification MORTH chapter 8, No. 182/ Item No. 24.1/ PWD SR 2016-17	sqm							
	clf		4	9.00		2.50	90.00		
							90.00	63.60	5724.00
	Basic Rate	60.00							
	Area Weightage @ 6%	3.60							
	Total	63.60							
								Total B)	268475
							Grand total (A) (B)		2499841
12	Miscellaneous charges								159.00
								Total	2500000.00

(Rupees Twenty five lakhs Only)

CERTIFICATE

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per C.S.R. of 2016-17
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer

Assistant Executive Engineer
Yelahanka satellitetown Sub Division
Bangalore-64

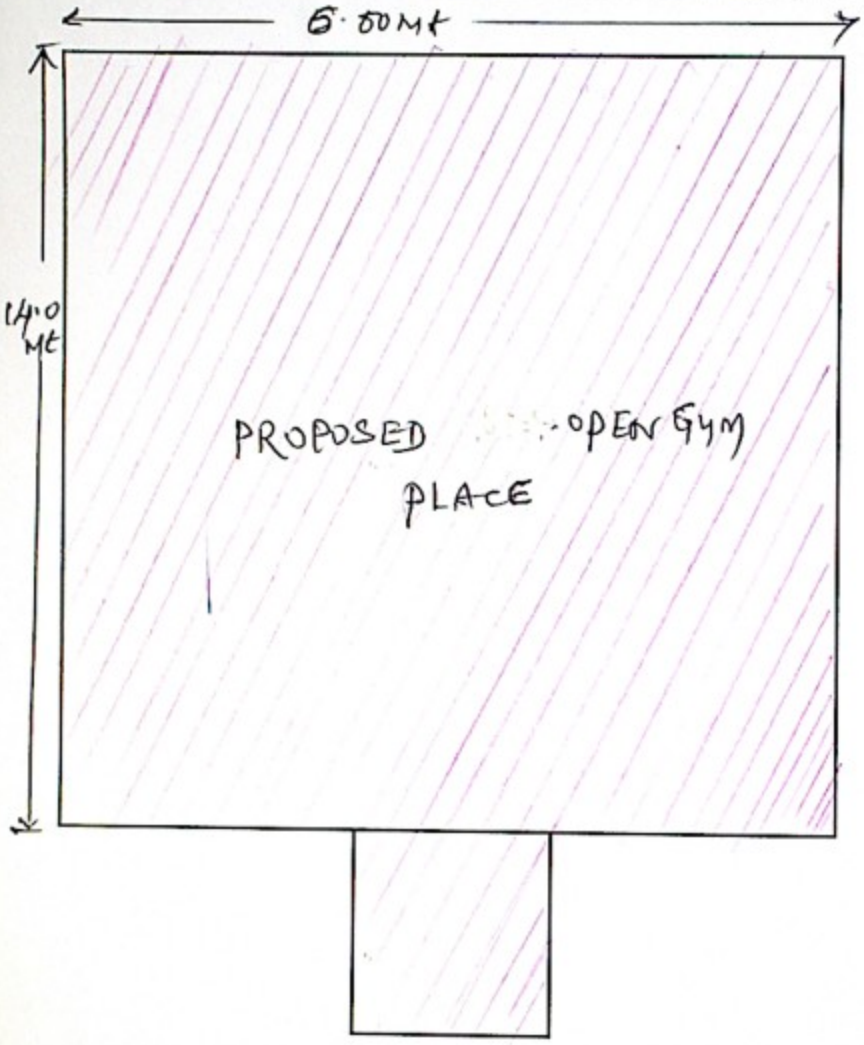
Administrative Approval
Accorded For 25.00 lakh Rs.
Head of A/C P.1771
CER NO : 207 Dt: 16/02/17
Executive Engineer
Yelahanka Division
Bangalore-64

Technical Sanction
Accorded For 25.00 lakh Rs.
P.1771
CER NO : 142 Dt: 16/02/17

TA CE (YNK)

TA CE (YNK)

NAME OF WORK:- Construction of Open Gym @ Shankar Nag Park, in WNo 04.



INDEX:

OPEN. GYM. PLACE

A.E.

A.E.E.